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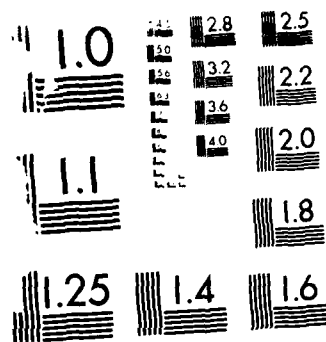
DEPARTMENT OF THE ARMY JUSTIFICATION OF ESTIMATES FOR
FISCAL YEAR 1987 SU. (U) DEPUTY CHIEF OF STAFF FOR
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DEPARTMENT OF THE ARMY
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1987
SUBMITTED TO CONGRESS

FEBRUARY 1986



OTHER PROCUREMENT, ARMY

PROCUREMENT

PROGRAMS

AIRCRAFT

WEAPONS & TRACKED COMBAT VEHICLES

AMMUNITION

MISSILES

OTHER

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM	
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER	
4. TITLE (and Subtitle) (In 6 parts) Department of the Army Justification of Estimates for Fiscal Year 1987, Army Procurement Budget submitted to Congress February 1986, Procurement Programs, Aircraft, Missiles, Weapons & Tracked Chd Veh., Ammunition, Other Procurement & Constr Programs		5. TYPE OF REPORT & PERIOD COVERED Army Procurement Budget Justification, FY 1987	
7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)	
9. PERFORMING ORGANIZATION NAME AND ADDRESS HQDA, Office of the Deputy Chief of Staff for Research, Development, and Acquisition (DAMA-PPP-B) Washington, DC 20310-0665		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS	
11. CONTROLLING OFFICE NAME AND ADDRESS HQDA, Office of the Deputy Chief of Staff for Research, Development, and Acquisition (DAMA-PPP-B) Washington, DC 20310-0665		12. REPORT DATE February 1986	
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18. SUPPLEMENTARY NOTES		19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Army Procurement Programs Budget Justification Books covering Aircraft, Missiles, Weapons and Tracked Combat Vehicles, Ammunition, Other Procurement, Army Appropriations programs and Construction programs submitted by the Army to Congress February 1986 for Fiscal Year 1987.	
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) In justification of programs requested, this document, in separate volume for each of the five Procurement Appropriations, and one separate volume for Construction Programs, provides backup data for the Army Budget submission for FY 1987. Included are Summaries of Requirements, Program and Financing State- ments and Selected Data Sheets. (These volumes are unclassified).			

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DEPARTMENT OF THE ARMY
OTHER PROCUREMENT, ARMY

JUSTIFICATION OF ESTIMATES FOR FISCAL YEARS 1987, 1988

PAGE NO.

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5-i February 1986

OTHER PROCUREMENT, ARMY

Section 1

Budget Appendix Extract

Appropriation Language

Program and Financing Schedule

5-1 February 1986

OTHER PROCUREMENT, ARMY

APPROPRIATION LANGUAGE

For construction, procurement, production, and modification of vehicles, including tactical, support, and nontracked combat vehicles; the purchase of not-to-exceed (two thousand four hundred sixty-four) four hundred eighty passenger motor vehicles for replacement only; communications and electronic equipment; other support 1/ equipment; spare parts, ordnance, and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefor, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, as follows: (Tactical and support vehicles, \$965,397,000; Communications and electronics equipment, \$2,868,859,000; Other support equipment, \$1,341,000,000; Non-centrally managed items, \$105,300,00; In all: \$5,275,556,000) \$6,169,000,000 to remain available 2/ 3/ or obligation until September 30, (1988) 1989: (Provided, that within the total amount appropriated, the subdivisions within this appropriation shall be reduced by \$5,000,000.)

EXPLANATION OF LANGUAGE CHANGES

- 1/ To change the number of passenger carrying vehicles authorized for procurement in FY 1987.
- 2/ To change the amount of appropriation requested in FY 1987.
- 3/ To change the obligation expiration date for the FY 87 program.

04 Feb 86

Other Procurement, Army
 Program and Financing (in thousands of dollars) FISCAL YEAR 1983

Identification code	21-2035-0-1-051	Budget Plan (amounts for PROCUREMENT actions programed)		Obligations			
		1985 actual	1986 est.	1987 est.	1985 actual	1986 est.	1987 est.
Program by activities:							
Direct program:							
00.0101	Tactical and support vehicles				119,605		
00.0201	Communications and electronics equipment				275,169		
00.0301	Other support equipment				108,060		
00.9101	Total direct program				502,834		
01.0101	Reimbursable program				24,535		
10.0001	Total				527,369		
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)				27,484		
13.0001	Trust funds(-)				8,047		
14.0001	Non-Federal sources(-)				18		
17.0001	Recovery of prior year obligations				-78,225		
21.4002	Unobligated balance available, start of year:				-539,180		
21.4007	For completion of prior year budget plans						
22.4001	Reprogramming from/to prior year budget pla				15,000		
25.0001	Unobligated balance transferred to other acc				39,488		
	Unobligated balance lapsing						
39.0001	Budget authority						

5-3 February 1986

Identifying Code	Title	Budget Plan (amounts for PROCUREMENT actions programmed)			Obligations		
		1985 actual	1986 est.	1987 est.	1985 actual	1986 est.	1987 est.
Procurement activities:							
Procurement program							
02 0001	Land and support vehicles				198,788	113,269	
02 0002	Communications and electronics equipment				559,763	131,391	
02 0003	Other support equipment				216,777	202,043	
00 4001	Procurement program				975,328	446,703	
01 0001	Procurement program				96,873	2,294	
10 0001	Procurement program				1,072,201	448,997	
Procurement							
Disposing collections from:							
11 0001	Federal funds ()				87,618	1,272	
13 0001	Federal funds ()				5,175		
14 0001	Federal funds ()				41		
17 0001	Non-federal sources ()				-74,535		
Receipts of prior year obligations							
Unobligated balance available, start of year:							
21 4002	For completion of prior year budget plans				-1,657,269	-450,269	
21 4003	Available to finance new budget plans				-17,700	-81,000	
21 4007	Reprogramming from prior year budget plans						
22 4001	Unobligated balance transferred to other accounts				53,200	81,000	
22 4002	Unobligated balance available, end of year:						
24 4001	For completion of prior year budget plans				450,269		
24 4003	Available to finance subsequent year budget				81,000		
39 0001	Budget authority						

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Other Procurement

Program and Financing (in thousands of dollars) FISCAL YEAR 1985

Identification code	21-2035-0-1-051	Budget Plan (amounts for PROCUREMENT actions programmed)			Obligations		
		1985 actual	1986 est.	1987 est.	1985 actual	1986 est.	1987 est.
Program by activities:							
Direct program:							
00.0101	Tactical and support vehicles	1,407,094			1,013,154	301,726	92,214
00.0201	Communications and electronics equipment	2,320,072			1,723,732	462,885	133,455
00.0301	Other support equipment	1,162,508			786,199	260,546	116,763
00.9101	Total direct program	4,890,674			3,523,085	1,025,157	342,432
01.0101	Reimbursable program	230,480			227,309	3,170	
10.0001	Total	5,121,154			3,750,394	1,028,327	342,432
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-205,414	610		-205,414	610	
13.0001	Trust funds(-)	-26,687			-26,687		
14.0001	Non-Federal sources(-)	-93			-93		
Unobligated balance available, start of year:							
21.4002	For completion of prior year budget plans					-1,371,369	-342,432
21.4003	Available to finance new budget plans					-231,900	
21.4007	Reprogramming from/to prior year budget plans	610	-231,900				
22.4001	Unobligated balance transferred to other accounts		-610			231,900	
24.4002	Unobligated balance available, end of year:		231,900		1,371,369		
24.4003	For completion of prior year budget plans	231,900			231,900	342,432	
25.0001	Available to finance subsequent year budget	20,000			20,000		
39.0001	Unobligated balance lapsing						
	Budget authority	5,141,470			5,141,470		
Budget authority:							
40.0001	Appropriation	5,122,450			5,122,450		
41.0001	Transferred to other accounts(-)	-20,980			-20,980		
42.0001	Transferred from other accounts	20,000			20,000		
43.0001	Appropriation (adjusted)	5,121,470			5,121,470		
50.0001	Reappropriation	20,000			20,000		

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Other Procurement, Army
Program and Financing (in Thousands of dollars) FISCAL YEAR 1986

Identification code	21-2035-0-1-051	Budget Plan (amounts for PROCUREMENT actions programed)			Obligations		
		1985 actual	1986 est.	1987 est.	1985 actual	1986 est.	1987 est.
Program by activities:							
Direct program:							
00.0101	Tactical and support vehicles		963,500		663,494	237,586	
00.0201	Communications and electronics equipment		2,936,856		1,918,943	621,617	
00.0301	Other support equipment		1,339,900		949,092	279,948	
00.9101	Total direct program		5,240,256		3,531,529	1,139,151	
01.0101	Reimbursable program		455,500		455,500		
10.0001	Total		5,695,756		3,987,029	1,139,151	
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)		-413,200		-413,200		
13.0001	Trust funds(-)		-42,300		-42,300		
21.4002	Unobligated balance available, start of year:						
	For completion of prior year budget plans						
24.4002	Unobligated balance available, end of year:				1,708,727	-1,708,727	
	For completion of prior year budget plans						
39.0001	Budget authority		5,240,256		5,240,256	569,576	
Budget authority:							
40.0001	Appropriation		5,275,556		5,275,556		
41.0001	Transferred to other accounts(-)		-35,300		-35,300		
43.0001	Appropriation (adjusted)		5,240,256		5,240,256		

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Other Procurement, Army
Program and Financing (in Thousands of dollars) FISCAL YEAR 1987

04 Feb 86

Identification code	21-2035-0-1-051	Budget plan (amounts for PROCUREMENT actions programed)			Obligations	
		1985 actual	1986 est.	1987 est.	1985 actual	1986 est.
Program by activities:						
Direct program:						
00.0101	Tactical and support vehicles			865,700		579,537
00.0201	Communications and electronics equipment			3,698,000		2,536,936
00.0301	Other support equipment			1,605,300		1,109,637
00.9101	Total direct program			6,169,000		4,226,110
01.0101	Reimbursable program			307,300		307,300
10.0001	Total			6,476,300		4,533,410
Financing:						
Offsetting collections from:						
11.0001	Federal funds(-)			-257,700		-257,700
13.0001	Trust funds(-)			-49,600		-49,600
24.4002	Unobligated balance available, end of year:					1,942,890
	For completion of prior year budget plans					
40.0001	Budget authority (Appropriation)			6,169,000		6,169,000

5-7 February 1986

Other Procurement, Army
Program and Financing (in thousands of dollars) SUMMARY

Identification code	21-2035-0-1-051	Budget plan (amounts for PROCUREMENT actions programed)			Obligations		
		1985 actual	1986 est.	1987 est.	1985 actual	1986 est.	1987 est.
Program by activities:							
Direct program:							
00.0101	Tactical and support vehicles	1,407,094	963,500	865,700	1,331,547	1,078,489	909,337
00.0201	Communications and electronics equipment	2,320,072	2,936,856	3,698,000	2,558,664	2,513,219	3,292,008
00.0301	Other support equipment	1,163,508	1,339,900	1,605,300	1,111,036	1,411,681	1,506,348
00.9101	Total direct program	4,890,674	5,240,256	6,169,000	5,001,247	5,003,389	5,707,693
01.0101	Reimbursable program	230,480	455,500	307,300	348,717	460,964	307,300
10.0001	Total	5,121,154	5,695,756	6,476,300	5,349,964	5,464,353	6,014,993
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-205,414	-413,200	-257,700	-90,312	-413,200	-257,700
13.0001	Trust funds(-)	-26,687	-41,690	-49,600	-13,465	-40,418	-49,600
14.0001	Non-Federal sources(-)	-93			-34		
17.0001	Recovery of prior year obligations				-152,760		
21.4002	Unobligated balance available, start of year:				-2,196,449	-1,821,638	-2,051,159
21.4003	For completion of prior year budget plans	-17,700	-312,900		-17,700	-312,900	
21.4007	Reprogramming from/to prior year budget plan	-170,378	-610				
22.4001	Unobligated balance transferred to other acc	68,200	312,900		68,200	312,900	
24.4002	Unobligated balance available, end of year:						
24.4003	For completion of prior year budget plans	312,900			1,821,638	2,051,159	2,512,466
25.0001	Available to finance subsequent year budget	59,488			312,900		
	Unobligated balance lapsing				59,488		
39.0001	Budget authority	5,141,470	5,240,256	6,169,000	5,141,470	5,240,256	6,169,000
Budget authority:							
40.0001	Appropriation	5,122,450	5,275,556	6,169,000	5,122,450	5,275,556	6,169,000
41.0001	Transferred to other accounts(-)	-20,980	-35,300		-20,980	-35,300	
42.0001	Transferred from other accounts	20,000			20,000		
43.0001	Appropriation (adjusted)	5,121,470	5,240,256	6,169,000	5,121,470	5,240,256	6,169,000
50.0001	Reappropriation	20,000			20,000		
Relation of obligations to outlays:							
71.0001	Obligations incurred, net				5,246,153	5,010,735	5,707,693
72.4001	Obligated balance, start of year				5,502,459	6,459,489	7,362,851
74.4001	Obligated balance, end of year				-6,459,489	-7,362,851	-8,882,438
77.0001	Adjustments in expired accounts				-6,611		
78.0001	Adjustments in unexpired accounts				-152,760		
90.0001	Outlays	4,129,753			4,129,753	4,107,373	4,188,106

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Other Procurement, Army
Object Classification (in thousands of dollars) SUMMARY

Identification code	21-2035-0-1-051	1985 actual	1986 est.	1987 est.
Direct obligations:				
Other services:				
125.004		950,237	1,010,328	1,177,517
126.001		350,087	481,132	427,368
131.001		3,700,923	3,511,929	4,102,808
199.001	Total Direct obligations	5,001,247	5,003,389	5,707,693
Reimbursable obligations:				
Other services:				
225.004		66,256	306,576	61,716
226.001		24,410	35,035	22,737
231.001		258,051	119,353	222,847
299.001	Total Reimbursable obligations	348,717	460,964	307,300
999.901	Total obligations	5,349,964	5,464,353	6,014,993

5-9 February 1986

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Other Procurement, Army
(Reduction Pursuant to Public Law 99-177)
Program and Financing (in Thousands of dollars) FISCAL YEAR 1984

Identification code	21-2035-6-1-051	Budget plan (amounts for PROCUREMENT actions programmed)			Obligations		
		1985 actual	1986 est.	1987 est.	1985 actual	1986 est.	1987 est.
Program by activities:							
10.0001	Total						-21,897
Financing:							
	Unobligated balance available, start of year:						
21.4007	Reprogramming from/to prior year budget pla		-21,897				
23.4001	Unobligated balance reduction: Appropriation		21,897				21,897
39.0001	Budget authority						

5-10 February 1986

Other Procurement, Army
(Reduction Pursuant to Public Law 99-177)
Program and Financing (in Thousands of dollars) FISCAL YEAR 1985

04 Feb 86

Identification code	21-2035-6-1-051	Budget Plan (amounts for PROCUREMENT actions programed)			Obligations		
		1985 actual	1986 est.	1987 est.	1985 actual	1986 est.	1987 est.
Program by activities:							
Direct program:							
00.0201	Communications and electronics equipment						
00.2001	Undistributed	-69,718				-50,264	-19,454
10.0001	Total	-69,718				-50,264	-19,454
Financing:							
Unobligated balance available, start of year:							
21.4002	For completion of prior year budget plans						19,454
21.4007	Reprogramming from/to prior year budget plan	69,718	-69,718			69,718	
23.4001	Unobligated balance reduction: Appropriation		69,718				
Unobligated balance available, end of year:							
24.4002	For completion of prior year budget plans					-19,454	
39.0001	Budget authority						

5-11 February 1986

Other Procurement, Army
(Reduction Pursuant to Public Law 99-177)
Program and Financing (in Thousands of dollars) FISCAL YEAR 1986

04 Feb 86

Identification code	21-2035-6-1-051	Budget Plan (amounts for PROCUREMENT actions programmed)			Obligations	
		1985 actual	1986 est.	1987 est.	1985 actual	1986 est. 1987 est.
Program by activities:						
Direct program:						
00.0201	Communications and electronics equipment		-256,856		-179,799	-51,371
00.2001	Undistributed					
10.0001	Total		-256,856		-179,799	-51,371
Financing:						
Unobligated balance available, start of year:						
21.4002	For completion of prior year budget plans					77,057
Unobligated balance available, end of year:						
24.4002	For completion of prior year budget plans				-77,057	-25,686
40.0001	Budget authority (Appropriation)		-256,856		-256,856	

5-12 February 1986

Other Procurement, Army
(Reduction Pursuant to Public Law 99-177)
Program and Financing (in Thousands of dollars) SUMMARY

04 Feb 86

Identification code	21-2035-6-1-051	Budget Plan (amounts for PROCUREMENT actions programmed)			Obligations		
		1985 actual	1986 est.	1987 est.	1985 actual	1986 est.	1987 est.
Program by activities:							
Direct program:							
00.0201	Communications and electronics equipment						
00.2001	Undistributed	-69,718	-256,856			-251,960	-70,825
10.0001	Total	-69,718	-256,856			-251,960	-70,825
Financing:							
Unobligated balance available, start of year:							
21.4002	For completion of prior year budget plans						96,511
21.4007	Reprogramming from/to prior year budget plan	69,718	-91,615				
23.4001	Unobligated balance reduction: Appropriation		91,615			91,615	
Unobligated balance available, end of year:							
24.4002	For completion of prior year budget plans					-96,511	-25,686
40.0001	Budget authority (Appropriation)		-256,856			-256,856	
Relation of obligations to outlays:							
71.0001	Obligations incurred, net					-251,960	-70,825
72.4001	Obligated balance, start of year					-224,087	
74.4001	Obligated balance, end of year					224,087	167,406
90.0001	Outlays					-27,873	-127,506

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Other Procurement, Army
(Reduction Pursuant to Public Law 99-177)
Object Classification (in Thousands of dollars) SUMMARY

Identification code	21-2035-6-1-051	1985 actual	1986 est.	1987 est.
Direct obligations:				
192.001 Undistributed			-251,960	-70,825
199.001 Total Direct obligations			-251,960	-70,825
999.901 Total obligations			-251,960	-70,825

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OTHER PROCUREMENT, ARMY

Section 2

Budget Activity Justification

Activity 1 - Tactical and support Vehicles

Activity 2 - Communications and Electronics Equipment

Activity 3 - Other Support Equipment

5-15 February 1986

Department of the Army Annual Budget Estimates JUSTIFICATION	Appropriation	
	OTHER PROCUREMENT, ARMY	FY 1987 Budget
Program or Budget Project Account	(Thousands of Dollars)	
Activity 1 - TACTICAL AND SUPPORT VEHICLES	Actual FY 1985	Estimate FY 1987
Direct Obligation or Direct Budget Plan	1,407,094	865,700
		Estimate FY 1988
		1,072,800

Section 1 - PURPOSE AND SCOPE

The funds provide for the procurement and manufacture of tactical and non-tactical vehicles and associated equipment. The tactical vehicles are of the type normally used by operations and support forces, and include prime movers and general purpose vehicles usually equipped with multi-wheel drive to satisfy cross country mobility needs. The non-tactical vehicles are of the administrative type which are generally equipped with two-wheel drive and are commercial in nature; included are such items as sedans, pickup trucks, carryalls and special purpose vehicles.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Tactical Vehicles - (P-1 Line Item Nos. 1 - 29)

(\$ in Thousands)	
FY 1987	FY 1988
670,700	880,400

This category includes trucks, trailers, semitrailers, dolly sets and chassis designed for tactical use. The major vehicles in the FY 1987 Budget Request include 12,842 High Mobility Multi-purpose Wheeled Vehicles (HMMWV), and 1,523 Ten Ton Trucks. The FY 1987 program for the HMMWV provides funds for the fifth year of a five year multiyear contract. The FY 1987 program for the Ten Ton Truck is planned to be split. Approximately 1/4 is planned to be placed on available options on the current five year multiyear contract. The balance of the FY 1987 program is planned to be added to the same contract via sole source negotiations. The FY 1988 program includes 4,555 HMMWV's, 3,729 Five Ton Trucks and 396 Ten Ton Trucks. These vehicles are required to fill some Active Army and Reserve Component shortages and provide for limited replacement of existing vehicles. These vehicles support the fielding of FIREFINDER, PATRIOT, PERSHING II, TACFIRE, MLRS, TOW, BFVS, GLLD/HELLFIRE, and STINGER.

Non-Tactical Vehicles - (P-1 Line Item Nos. 30-32)

(\$ in Thousands)	
FY 1987	FY 1988
58,400	64,100

This category includes three sub-categories: Passenger Carrying Vehicles (sedans, station wagons, buses, and ambulances); General Purpose Vehicles (trucks, trailers, and semitrailers); Special Purpose Vehicles (maintenance, refuse and construction trucks). The FY 1987 program will provide for replacement of 480 Passenger Carrying Vehicles. The FY 1988 program will provide for replacement of 688 Passenger Carrying Vehicles.

Support Equipment and Facilities - (P-1 Line Item Nos. 33 and 34)

(\$ in Thousands)	
FY 1987	FY 1988
136,600	128,300

This category includes Spares for Tactical and Support Vehicles. Spares include engines, transmissions, transfer cases and axles that are required to support newly fielded tactical vehicles as well as the existing fleet of tactical vehicles.

Department of the Army Annual Budget Estimates JUSTIFICATION	Appropriation	
	OTHER PROCUREMENT, ARMY	FY 1987 Budget
Program or Budget Project Account	(Thousands of Dollars)	
Activity 2 - COMMUNICATIONS & ELECTRONICS EQUIP	Actual FY 1985	Estimate FY 1986
Direct Obligation or Direct Budget Plan	2,320,072	2,936,856
		Estimate FY 1987
		3,698,000
		Estimate FY 1988
		4,351,900

Section 1 - PURPOSE AND SCOPE

These funds provide for the procurement, manufacture and modification of communications and electronic equipment. Funds are included for satellite, radio, combat wire and strategic communications equipment and for communications security equipment. Funds are also included for signal intelligence electronic warfare equipment, night vision and target acquisition equipment, and command and control and automatic data processing equipment. Additional funds are included to procure supporting high dollar value depot repairable assemblies/components for initial provisioning and replenishment spares requirements and for depot rebuild facilities equipment and production base support of procured systems.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Telecommunications Equipment (P-1 Line Item Nos. 35-130)

	(\$ in Thousands)
	FY 1987
	1,846,600
	FY 1988
	2,139,400

The FY 1987 budget of \$1,846,600 thousand will support the Army's requirements for tactical and strategic communications worldwide. This request includes \$15.0 million for U. S. Readiness Command Communications. The request of \$1,056.7 million for the Joint Tactical Communications Program (TRI-TAC) will continue the modernization of the Army's area communications systems and includes \$903.7 million continued procurement of Mobile Subscriber Equipment. The request for Combat Support Communications will continue the modernization of Army combat communications equipment and includes \$204.0 million for continued procurement of SINGGARS radios. The budget includes \$4.5 million for NMCS-Wide Support Activities \$24.4 million for Strategic Communications (STARCOM Non-DCS); and \$29.6 million for Long-Haul Communications (DCS). The request of \$134.5 million for

Sattellite Communications Ground Equipment will allow continued modernization of the ground segment of the Defense Sattellite Communications System, and will procure additional tactical satellite communications equipment for EUCOM Command, Control and Communications Systems will allow continued procurement of the Regency Net System. The budget includes \$98.5 million for additional procurements of Communications Security Equipment; \$55.4 million for modernization of Base Communications Equipment; and \$16.9 million for Test, Measurement, and Diagnostic Equipment to support communications equipment. These communications equipments are essential to field and sustain the combat elements of the Army, and to maintain command and control of these forces by all levels of command, from the National Command Authorities to the local commander.

Other Electronic Equipment (P-1 Line Items Nos. 131-222)

(\$ in Thousands)	
FY 1987	FY 1988
1,851,400	2,212,500

The FY 1987 budget of \$1,851,400 will procure other electronic equipment in support world-wide Army missions. These equipments are required to provide necessary intelligence/electronic warfare equipment for land combat forces, to enhance target acquisition and surveillance capabilities, to modernize and upgrade automatic data processing and command and control systems, and to sustain and expand the production base. The request includes \$262.2 million for Intelligence Support, including funds to initiate procurement of the All Source Analysis System. The request for Automatic Data Processing Equipment includes funds for the continued procurement of essential command and control systems such as the Army Data Distribution System and the Maneuver Control System. The budget includes \$17.1 million for procurement of Audio/Visual Equipment \$42.1 million for procurement of Electronic Warfare systems. The request of \$424.7 million for Tactical Electronics includes funding for essential surveillance and target acquisition systems such as the RPV Target Acquisition/Designation Aerial Reconnaissance System and the Joint Surveillance Target Attack Radar System, as well as continued procurement of various Night Vision Devices to insure that soldiers can fight as well at night as in the daytime. Funds in the amount of \$9.5 million are requested for Test, Measurement and Diagnostic Equipment in support of Tactical Electronics systems. The Budget includes \$631.7 million for the acquisition of spare and repair parts in support of communications and other electronic equipments, and for production base support.

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Department of the Army Annual Budget Estimates JUSTIFICATION	Appropriation	
	OTHER PROCUREMENT, ARMY	
	FY 1987 Budget	
Program or Budget Project Account	(Thousands of Dollars)	
Activity 3 - OTHER SUPPORT EQUIPMENT	Estimate FY 1987	Estimate FY 1988
Direct Obligation or Direct Budget Plan	1,163,508	1,765,200

Section 1 - PURPOSE AND SCOPE

These funds provide for the procurement, manufacture, and conversion of chemical defensive, bridging, engineer (non construction), combat service support, petroleum, water, medical, maintenance, construction, rail, float, containerization, generators, materiel handling, and other support equipment. The funds also provide for initial and replenishment spares and production base support associated with items in this budget activity.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Chemical Defensive Equipment (P-1 Line Item Nos. 223-231)

	(\$ in Thousands)
	FY 1987
	FY 1988
	43,900
	111,900

This category includes chemical-biological individual and collective protection, detection and warning, and decontamination equipment. The FY 1987 funds requested will continue procurement of the new XM40 series masks. In addition, the FY 1987 funds will procure collective protective equipment, and a lightweight decontamination apparatus necessary for U. S. forces to operate in a chemical environment. The FY 1987 program also continues procurement of the Smoke Generator Set, Mech, Pulse Jet, XM157 which will provide mobile smoke screening in large areas.

Bridging Equipment (P-1 Line Item Nos. 232-236)

(\$ in Thousands)	
FY 1987	FY 1988
<u>49,100</u>	<u>50,200</u>

This category includes components of the Ribbon Bridge and the Medium Girder Bridge Systems. The FY 1987 and FY 1988 program continues acquisition of the Ribbon Bridge Transporter. Also, the program continues multiyear procurement of the Ribbon Bridge Interior and Ramp Bays and the Bridge Erection Boat in support of unit shortages.

Engineer (Non-Construction) Equipment (P-1 Line Item Nos. 237-248)

(\$ in Thousands)	
FY 1987	FY 1988
<u>66,800</u>	<u>211,100</u>

This category provides funding for mine/countermine equipment and the Armored Combat Earthmover (ACE). The FY 1987 program continues procurement of the ACE which is required by combat engineers to provide essential support to the combat units. FY 1987 continues the acquisition of the Mine Clearing Roller used by tank battalions to detonate mines. The FY 1987 program provides for the procurement of the Mine Detecting Set used to locate metallic anti-personnel and anti-tank mines and also continues procurement of the Mine Clearing Roller. The FY 1987 program continues procurement of the GEMSS Auxillary Mine Dispenser which will provide a back-up capability for, and augment, the GEMSS mine dispenser. FY 1987 initiates procurement for the Mine Dispenser XM139, which will be used by combat, aviation and combat engineer elements to rapidly deploy large scale mine fields; the Clear Lane Marking System, which will provide a currently nonexistent capability to support the tank mission requirement to breach mine field; and continues procurement of the Remote Control Unit (MOPMS) which will provide the ability to remotely deploy mine fields; select mine self-destruct times, recycle the self-destruct times and command-destruct mine fields as the tactical situation develops.

Combat Service Support Equipment (P-1 Line Item Nos. 249-258)

(\$ in Thousands)	
FY 1987	FY 1988
<u>106,500</u>	<u>105,400</u>

This category provides for the acquisition of various combat support equipment items. In FY 1987, the program includes various size/capacity air conditioners required to support major systems such as aviation maintenance shops, missile systems and communications and electronics shops. Also included are continuing programs for firetrucks, diving equipment and printing and binding equipment. In addition, FY 1987 initiates the multiyear procurement of the mobile field kitchen. In FY 1987, restart program for Laundry Units/Trailer Mtd will be initiated. The items procured in this category support the soldiers and equipment that must operate in all weather conditions in field environments. The FY 1988 program restarts programs for compressors and heaters.

Petroleum Equipment (P-1 Line Item Nos. 259-269)

(\$ in Thousands)	
FY 1987	FY 1988
82,700	71,600

This category includes equipment necessary for the storage and distribution of fuel. The FY 1987 program provides for the continuation of the multiyear acquisition programs of the 10,000 and 50,000 gallon fabric collapsible tanks to be used at fuel system supply points and for bulk petroleum storage end, 350 GPM pumps to move fuel from the supply source to using forces. FY 1987 continues procurement of the SWA Petroleum Distribution System, which includes bulk storage tanks, hoses, pumps, and mooring systems required to support the Army's mission of distributing bulk petroleum to all Central Command (CENTCOM) land-based forces. FY 1987 also begins programs for the forward area refueling equipment used in refueling aircraft, petroleum laboratories, used for quality surveillance of fuels, tank and pump units, and 20,00 gallon fabric tanks used to support the Logistics Unit Productivity Systems initiatives. The FY 1988 program continues the FY 1987 initiatives.

Water Equipment (P-1 Line Item Nos. 270-282)

(\$ in Thousands)	
FY 1987	FY 1988
72,400	71,600

This category includes water support equipment required to provide a capability for production, purification, storage and distribution of water. The FY 1987 program continues to provide for the acquisition of the equipment in support of the long-range Phase II water equipment procurement program to support the Central Command (CENTCOM). FY 1987 programs are requested for acquisition of the water chillers, collapsible storage tanks and Centrifugal Pumps. In order to provide purification capability, programs are included for the 600 gallon per hour Reverse Osmosis Water Purification Units (ROWPU) and the 3,000 gallon per hour ROWPU. FY 1988 programs continue acquisition of the FY 1987 programs and restart acquisition of the Tactical Water Distribution System (TWDS).

Medical Equipment (P-1 Line Item Nos. 283-285)

(\$ in Thousands)	
FY 1987	FY 1988
207,700	256,800

Medical equipment funding provides for the procurement of equipment to support both Army fixed medical activities and field medical units worldwide. This category finances the acquisition of medical care support equipment needed to support Army fixed medical activities. It provides for the initial equipping of approved major medical Military Construction, Army programs and renovation and modernization projects; the replacement of uneconomically repairable and obsolete equipment; the acquisition of new technologies essential to modern health care; and equipment for drug abuse testing laboratories, environmental pollution

monitoring, and clinical investigation of significant health care problems. This category also procures medical equipment for the initial issue to new or existing tactical field medical units in the approved force structure; procurement of field medical equipment to be placed in POMCUS; and the acquisition of field medical investment equipment to replace worn out, obsolete or uneconomically repairable equipment. Programmed funds will equip and modernize the field medical force, hospitals, and other medical field units. (This is in compliance with Defense Guidance and reduces serious Army equipment shortages which prevent meeting field medical support missions). Many of the items being procured for field medical units are the same as items being procured by other services as a result of the current Quad Services Standardization Program. In addition, this category funds Electrical Generator/Environmental Control Systems, one and two-sided expandable tactical shelters, and two and eight-section extendable, modular, personnel (TEMPER) tents for use by Army Combat Zone Hospitals. FY 1988 continues many FY 1987 programs.

Maintenance Equipment (P-1 Line Item Nos. 286-295)

(\$ in Thousands)	
FY 1987	FY 1988
<u>59,100</u>	<u>66,800</u>

This category includes numerous types of maintenance equipment necessary to perform maintenance on all equipment in the field. Examples include welding shops and electrical repair shops. The FY 1987 program continues procurement of the Welding Shop and the Electric Repair Shop. The FY 1987 program continues FY 1987 procurements and initiates programs for the Tool Outfit, Hydraulic Repair and the Steam Cleaner. The procurements scheduled for FY 1987 and FY 1988 will significantly increase the readiness of maintenance units in the Army, and directly impact the readiness of our combat forces.

Construction Equipment (P-1 Line Item Nos. 296-303)

(\$ in Thousands)	
FY 1987	FY 1988
<u>99,400</u>	<u>57,300</u>

The FY 1987 funds requested will continue the standardization program of Construction Equipment for T9 Tractors and the Small Emplacement Excavator (SEE).

Rail, Float, Containerization (P-1 Line Item Nos. 304-314)

(\$ in Thousands)	
FY 1987	FY 1988
124,000	83,600

This category provides for procurement of watercraft to meet the Logistics-Over-The-Shore (LOTS) movement of tonnage in support of Central Command (CENTCOM). The FY 1987 program continues the multiyear procurement of the Landing Craft Utility (LCU) which provides capability to transport cargo, troops, and vehicles from ship to shore. The FY 1988 program continues acquisition of the Landing Craft, Utility (LCU) and the Logistic Support Vehicle (LSV), and also includes funds for causeways. FY 1988 also initiates a program for the POL tank car.

Generators (P-1 Line Item Nos. 315)

(\$ in Thousands)	
FY 1987	FY 1988
115,900	115,200

These funds are required to provide generators and power units of varying sizes and capacities, primarily designed to provide power sources for electrical lighting and communications and computer systems for a variety of combat (eg., missile and weapon systems) and combat support units. The program supports both the acquisition of power sources for combat and combat support equipment currently being acquired and fielded, as well as replacement of over-aged, obsolete power generator equipment.

Materiel Handling Equipment (P-1 Line Item Nos. 316-325)

(\$ in Thousands)	
FY 1987	FY 1988
93,300	136,000

The FY 1987 funds requested continue the standardization of five commercial forklifts which are critical to ammunition handling. These programs are essential to fill shortages created by worn-out, over-aged equipment that degrade readiness. FY 1987 continues procurement of the 65 Ton Crane, which is used for ammunition and cargo handling. FY 1987 continues many of the FY 1986 programs and initiates production of the productivity enhancing 6 thousand pound Variable Reach Forklift program.

Other Support Equipment (P-1 Line Item Nos. 326-343)

(\$ in Thousands)	
FY 1987	FY 1988
484,500	427,700

This category continues funding in several major areas. It provides Spare Parts and Production Base Support which support the procurement programs in this Budget Activity; the AMC Reshape Program which provides funds to support investment in equipment which will improve productivity throughout the wholesale logistics base of the Army; the Host Nation Support (HNS) program which improves our capability to rapidly reinforce Europe in an emergency; funds for procurement of training devices, including such initiatives as procurement of new standardized systems for our ranges and laser engagement simulation systems for our new weapon systems. These training devices will directly improve combat soldier readiness in that the individual can be trained on a simulated battlefield and gain the needed experience to fight on a modern battlefield. In this category, the Army continues funding to upgrade the facilities and equipment of three CONUS AMC area-oriented depots which provide supply support to specific geographic areas of the world. These upgrades will provide the latest technology in depot operations and increase capacity and efficiency to meet anticipated future logistic requirements.

5-25 February 1986

OTHER PROCUREMENT, ARMY

Section 3

Comparison of Program Requirements and Financing

Comparison of FY 1986 program requirements as reflected in the FY 1986 budget with FY 1986 program requirements as shown in the FY 1987 budget.

Comparison of FY 1986 financing as reflected in the FY 1986 budget with FY 1986 financing as shown in FY 1987 budget.

Comparison of FY 1985 program requirements as reflected in the FY 1986 budget with FY 1985 program requirements as shown in the FY 1987 budget.

Comparison of FY 1985 financing as reflected in the FY 1986 budget with FY 1985 financing as shown in the FY 1987 budget.

5-26 February 1986

COMPARISON OF FY 1986 PROGRAM REQUIREMENTS
AS REFLECTED IN FY 1986 BUDGET WITH
FY 1986 PROGRAM REQUIREMENTS AS SHOWN IN FY 1987 BUDGET

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation: OTHER PROCUREMENT, ARMY	Total Program Requirements		Program Requirements Per FY 1987 Budget	Increase (+) or Decrease (-)
	Per FY 1986 Budget	Per FY 1986 Budget		
Activity 1 - Tactical and Support Vehicles	1,016,800	963,500	-	53,300
Activity 2 - Communications and Electronics Equipment	3,306,300	2,936,856	-	369,444
Activity 3 - Other Support Equipment	1,389,700	1,339,900	-	49,800
TOTAL	5,712,800	5,240,256	-	472,544

1. Tactical and Support Vehicles (Activity 1). Net decrease of \$53.3 million is a result of reductions as follows: \$51.4 million reduction made during final Congressional action on the FY 1986 budget request; \$1.5 million reduction for the Congressionally directed inflation - re-estimate 1/; and a \$.4 million below threshold reprogramming reduction from this budget activity to OPA 3 that was made before the Army was aware of Congressional intent to preclude below threshold reprogramming actions between OPA Activities. Action will be reversed.

2. Communications and Electronics Equipment (Activity 2). Net decrease of \$369,444 thousand is a result of reductions as follows; \$437,441 thousand made during final Congressional action on the FY 1986 budget request; \$2.0 million reduction for the Congressionally directed inflation re-estimate 1/; \$105.3 million increase for non-centrally managed items; a planned FY 1986 formal reprogramming action of \$35.303 thousand reduction for RPV out of OPA.

3. Other Support Equipment (Activity 3). Net decrease of \$49.8 million is a result of a \$48.7 million reduction made during final Congressional action on the FY 1986 budget request, and \$1.5 million reduction for the Congressionally directed inflation re-estimate 1/; and a \$.4 million increase to this Activity from OPA 1 below threshold reprogramming action that was made before the Army was aware of Congressional intent to preclude below threshold reprogramming actions between OPA activities. Action will be reversed.

1/ The Congressionally directed reduction for "inflation re-estimate" Other Procurement, Army was \$5 million.

COMPARISON OF FY 1985 FINANCING AS REFLECTED
IN THE FY 1985 BUDGET WITH FY 1985 FINANCING
AS SHOWN IN FY 1987 BUDGET

Appropriation:	(In Thousands of Dollars)		
	OTHER PROCUREMENT, ARMY	Financing Per FY 1986 Budget	Financing Per FY 1987 Budget Increase (+) or Decrease (-)
Program Requirements (Total)		5,427,050	5,121,154
Program Requirements (Service Account)		(5,122,450)	(4,890,674)
Program Requirements (Reimbursable)		(304,600)	(230,480)
Less:			
Anticipated reimbursements		-304,600	-230,480
Reprogramming from prior year budget plans		-0-	-0-
Unobligated balance available from prior year to finance new budget plans		-0-	-0-
Unobligated balance transferred from other accounts		-0-	-0-
Add:			
Available to finance subsequent year budget			231,900
Unobligated balance lapsing		-0-	20,000
Reprogramming from prior year budget			610
BUDGET AUTHORITY		5,122,450	5,141,470
			-231,776
BUDGET AUTHORITY			
Appropriation		5,122,450	-0-
Transfer to other accounts		-	- 20,980
Transferred from other accounts		-	20,000
Appropriation adjusted		5,122,450	- 980
Reappropriation		20,000	20,000

5-30 February 1986

COMPARISON OF FY 1986 FINANCING AS REFLECTED
IN THE FY 1986 BUDGET WITH FY 1986 FINANCING
AS SHOWN IN FY 1987 BUDGET

Appropriation:	(In Thousands of Dollars)			Increase (+) or Decrease (-)
	OTHER PROCUREMENT, ARMY	Financing Per FY 1986 Budget	Financing Per FY 1987 Budget	
Program Requirements (Total)		6,001,300	5,695,756	- 305,544
Program Requirements (Service Account)		(5,712,800)	(5,240,256)	(- 472,544)
Program Requirements (Reimbursable)		(288,500)	(455,500)	(+ 167,000)
Less:				
Anticipated reimbursement	288,500		455,500	+ 167,000
Reprogramming from prior year budget plans	-0-		-0-	-0-
Unobligated balance available from prior year to finance new budget plans	-0-		-0-	-0-
Unobligated balance transferred from other accounts	-0-		-0-	-0-
Add:				
Available to finance subsequent year budget	-0-		17,700	+ 17,770
		5,122,450	5,240,256	-472,544
		BUDGET AUTHORITY		
BUDGET AUTHORITY				
Appropriation	5,712,800		5,275,556	-437,244
Transferred to other accounts			- 35,300	- 35,300
Appropriation (Adjusted)	5,712,800		5,240,256	-472,544

5-28 February 1985

COMPARISON OF FY 1985 PROGRAM REQUIREMENTS
AS REFLECTED IN FY 1986 BUDGET WITH
FY 1985 PROGRAM REQUIREMENTS AS SHOWN IN FY 1987 BUDGET

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation: OTHER PROCUREMENT, ARMY	Total Program Requirements		Program Requirements		Increase (+) or Decrease (-)
	Per FY 1986 Budget	Per FY 1987 Budget	Per FY 1986 Budget	Per FY 1987 Budget	
Activity 1 - Tactical and Support Vehicles	1,421,400		1,407,094		-14,306
Activity 2 - Communications and Electronics Equipment	2,430,350		2,320,072		-110,278
Activity 3 - Other Support Equipment	1,270,700		1,163,508		-107,192
TOTAL	5,122,450		4,890,674		-231,776

1. Tactical and Support Vehicles (Activity 1). Net decrease of \$14,306 thousand results from a \$11,200 thousand reduction made for the prior year inflation/program savings; \$5,400 thousand reduction to the Fast Attack Vehicle program during final Congressional action on the FY 1986 Budget Request, and miscellaneous below threshold reprogrammings within the Other Procurement, Army appropriation which resulted in a net increase of \$2,294 thousand.

2. Communications and Electronics Equipment (Activity 2). Net increase of \$110,278 thousand results from a \$66,800 thousand reduction made for the prior year inflation/program savings; \$10,200 thousand reduction to Non Tac Mis ADPE program and \$7,300 thousand reduction to NAVSTAR program during final Congressional action on the FY 1986 Budget Request, and \$25,978 reduction for formal reprogramming actions which transferred funds out of OPA.

3. Other Support Equipment (Activity 3). Net decrease of \$107,192 thousand results from a \$79,000 reduction made for the prior year inflation/program savings; \$12,400 reduction made to the Combat Earthmover (M-9 Ace) program during final Congressional action on the FY 1986 Budget Request; \$13,498 reductions for formal reprogramming actions which transferred funds out of OPA; and miscellaneous below threshold reprogrammings within the other Procurement, Army Appropriation which resulted in a net decrease of \$2,294 thousand.

5-29 February 1986

DEPARTMENT OF THE ARMY
PROCUREMENT OF EQUIPMENT AND MISSILES, ARMY

JUSTIFICATION OF ESTIMATES FOR FISCAL YEARS 1987, 1988

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